

PATENT

Serial No.: 09/845,057
Attorney Docket No. 68146988.715**AMENDMENTS TO THE CLAIMS**

Below is the entire set of pending claims pursuant to 37 C.F.R. 1.121(c).

Claim 1 (Currently Amended): **An enterprise-wide computer portal system electrically connected to a plurality of enterprise computer systems and** configured to communicate with a plurality of **enterprise** users through a network interface, wherein at least one of the plurality of **enterprise** users communicates with the network interface through a computer network, the **enterprise-wide computer portal** system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the **enterprise-wide computer portal** system by an **enterprise** user **and controlling the disposition of jobs within the enterprise-wide computer portal system**;

a job repository electrically connected to the service broker, the job repository comprising a computer memory encoded with a plurality of objects including at least one job, the at least one job having at least one set of job properties, wherein said set of job properties includes a set of input data;

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to produce an output report of the job, wherein the job server is configured to process the set of input data; and

a job event server electrically connected to the service broker, the job event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

Claim 2 (Canceled):

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

Claim 3 (Currently Amended): **An enterprise-wide computer portal** system according to claim 1, wherein said at least one set of job properties define a list of **enterprise** users to be notified when a corresponding job is executed; and wherein the job server is configured to process said job properties and provide a notification to each user in the list of **enterprise** users when the job is executed.

Claim 4 (Currently Amended): **An enterprise-wide computer portal** system according to claim 1, wherein said at least one set of job properties define an exception condition and a list of **enterprise** users subscribing to the exception condition, and wherein the job server is configured to compare the exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of **enterprise** users subscribing to the exception condition when the exception event occurs.

Claims 5-16 (Canceled):

Claim 17 (Currently Amended): **An enterprise-wide computer portal** system according to claim 1, wherein said at least one job is a secure Structured Query Report (SQR) job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one **enterprise** user to view that page.

Claim 18 (Currently Amended): **An enterprise-wide computer portal** system **electrically connected to a plurality of enterprise computer systems and** electrically connected to at least one **enterprise** back-end database, the **enterprise-wide computer portal** system configured to communicate with at least one **enterprise** user through a network interface, wherein said at least one **enterprise** user communicates with the network interface through a computer network, the **enterprise-wide computer portal** system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the **enterprise-wide computer portal** system by **an enterprise**

PATENT

Serial No.: 09/845,057

Attorney Cocket No. 68146988.715

user **and controlling the disposition of jobs within the enterprise-wide computer portal system**;

a job repository electrically connected to the service broker, the job repository comprising a computer memory encoded with a plurality of objects including at least one job including instructions to retrieve and process data from said at least one **enterprise** back-end database, the at least one job having at least one set of job properties, wherein said set of job properties includes a set of input data;

a job server electrically connected to the service broker and to said at least one **enterprise** back-end database, the job server configured to execute said at least one job; wherein the job server is configured to process the set of input data; and

a job event server electrically connected to the service broker, the job event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

Claim 19 (Canceled):

Claim 20 (Currently Amended): **An enterprise-wide computer portal** system according to claim 18, wherein said job properties define a list of **enterprise** users to be notified when the job is executed; and wherein the job server is configured to process said job properties and provide a notification to each user in the list of **enterprise** users when the job is executed.

Claim 21 (Currently Amended): **An enterprise-wide computer portal** system according to claim 18, wherein said job properties define an exception condition and a list of **enterprise** users subscribing to the exception condition, and wherein the job server is configured to compare the exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of **enterprise** users subscribing to the exception condition when the exception event occurs.

Claim 22 (Currently Amended): **An enterprise-wide computer portal** system according to claim 18, wherein said at least one job is a secure Structured Query Report (SQL) job, and

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one enterprise user to view that page.

Claim 23 (Currently Amended): An enterprise-wide computer portal system, electrically connected to a plurality of enterprise computer systems and configured to communicate with at least one enterprise user through a network interface, wherein said at least one enterprise user communicates with the network interface through a computer network, the enterprise-wide computer portal system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the enterprise-wide computer portal system by said at least one enterprise user and controlling the disposition of jobs within the enterprise-wide computer portal system;

a job repository electrically connected to the service broker, the job repository comprising a computer memory encoded with a plurality of objects including at least one job and wherein the computer memory of the job repository is further encoded with job properties corresponding to said at least one job, the job properties including a set of input data, the job properties defining an exception condition and a list of enterprise users subscribing to the exception condition;

a job server electrically connected to the service broker, the job server configured to execute said at least one job so as to produce an output report, wherein the job server is configured to process the set of input data, and wherein the job server is further configured to compare said exception condition to the output report to determine the existence of an event, and to provide a notification to each user in the list of enterprise users subscribing to the exception when the exception event occurs, the job server also configured to transmit the output report to the network interface for transmission to said at least one enterprise user.

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

Claim 24 (Currently Amended): An enterprise-wide computer portal system according to claim 23, wherein the job properties further define an input form to be provided to a corresponding job server when the job is executed; and wherein the job server is configured to provide a corresponding input form to said at least one enterprise user.

Claim 25 (Currently Amended): An enterprise-wide computer portal system according to claim 24, wherein said at least one job is a secure Structured Query Report (SQR) job, and wherein the job server is configured to process a secure SQR job so as to generate a secure burst output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one enterprise user to view that page.

Claim 26 (Currently Amended): An enterprise-wide computer portal system electrically connected to a plurality of enterprise computer systems and configured to communicate with at least one enterprise user through a network interface, wherein each of said at least one enterprise users communicates with the network interface through a computer network, the enterprise-wide computer portal comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the enterprise-wide computer portal system by an enterprise user and controlling the disposition of jobs within the enterprise-wide computer portal system;

an authentication server electrically connected to the service broker, the authentication server configured to determine a level of access to be granted to said at least one enterprise user based upon data stored therein;

a job repository electrically connected to the service broker, the job repository comprising a computer memory encoded with a plurality of objects including at least one job, at least one output report corresponding to said at least one job, and at least one portal page corresponding to said at least one enterprise user, wherein said at least one portal page includes

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

a dynamically updated portal object corresponding to an output report, wherein the at least one job has at least one set of job properties, wherein said set of job properties includes a set of input data;

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to produce an output report corresponding to said at least one job, wherein the job server is configured to process the set of input data; and

a job event server electrically connected to the service broker, the job event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

Claim 27 (Canceled)

Claim 28 (Currently Amended): **An enterprise-wide computer portal** system according to claim 26, wherein said at least one set of job properties includes a list of **enterprise** users to be notified when the corresponding job is executed; and wherein the job server is configured to process said at least one set of job properties and provide a notification to each user in the list of **enterprise** users when the corresponding job is executed.

Claim 29 (Currently Amended): **An enterprise-wide computer portal** system according to claim 28, wherein the notification is provided through e-mail.

Claim 30 (Currently Amended): **An enterprise-wide computer portal** system according to claim 28, wherein the notification is provided by updating a dynamically updated portal object in an **enterprise** user's portal page.

Claim 31 (Currently Amended): **An enterprise-wide computer portal** system according to claim 26, wherein said at least one set of job properties include an exception condition and a list of **enterprise** users subscribing to the exception condition, and wherein the job server is configured to i) compare an exception condition to an output report to determine the existence of an exception event, and ii) provide a notification to each user in the list of **enterprise** users subscribing to the exception condition when a corresponding exception event occurs.

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

Claim 32 (Currently Amended): An enterprise-wide computer portal system according to claim 31, wherein the notification is provided through e-mail.

Claim 33 (Currently Amended): An enterprise-wide computer portal system according to claim 31, wherein the notification is provided by updating an exceptions dashboard in an enterprise user's portal page.

Claim 34 (Currently Amended): An enterprise-wide computer portal system according to claim 26, wherein said at least one job is a secure Structured Query Report (SQR) job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of the containers corresponding to one of said plurality of HTML pages, and wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one enterprise user to view that page.

Claim 35 (Currently Amended): An enterprise-wide computer portal system according to claim 34, wherein said at least one portal page further includes a portal object containing a link to the secure bursted output report.

Claim 36 (Currently Amended): A method of processing a job in an enterprise-wide computer portal system comprised of a job server configured to execute a job and to process a set of input data corresponding to the job, a job repository including computer memory encoded with a plurality of objects including at least one job and at least one set of job properties corresponding to said at least one job, wherein said set of job properties includes a set of input data to be provided to a job server when a corresponding job is executed, and wherein the enterprise-wide computer portal system is electrically connected to a plurality of enterprise computer systems and configured for communication with at least one enterprise user through a network interface, the method comprising:

receiving a request to execute a job from an enterprise user connected to the enterprise-wide computer portal system through a computer network;

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

retrieving the requested job and a corresponding set of input data from the job repository;

dispatching the requested job and the corresponding set of input data for processing on a corresponding job server;

processing the requested job with the corresponding set of input data in the job server so as to produce an output report; and

transmitting the output report to the enterprise user through the network interface.

Claim 37 (Currently Amended): A method according to claim 36, wherein said at least one set of job properties further includes a list of enterprise users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to each user in the list of enterprise users when a corresponding job is executed.

Claim 38 (Currently Amended): A method according to claim 36, wherein said at least one set of job properties further includes an exception condition and a list of enterprise users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of enterprise users when the exception event occurs.

Claim 39 (Currently Amended): A method according to claim 36, wherein said at least one job is a secure Structured Query Report (SQR job), the method further comprising:

receiving a set of user identification data from the enterprise user;

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one enterprise user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the enterprise user to view that page; and

ii) placing a view flag in the container if the enterprise user has permission to view the corresponding HTML page;

for each container in the secure bursted output report that contains a view flag, retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding enterprise user.

Claim 40 (Currently Amended): A method according to claim 36, wherein the job server is connected to at least one enterprise back-end database, the method further comprising:

retrieving a set of data corresponding to the requested job from an enterprise back-end database; and

processing the requested job in the job server with the set of data retrieved from the enterprise back-end database and the corresponding set of input data so as to produce an output report.

PATENT

Serial No.: 09/845,057
Attorney Docket No. 68146988.715

Claim 41 (Currently Amended): A method according to claim 40, wherein said at least one set of job properties further includes a list of enterprise users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to each user in the list of enterprise users when a corresponding job is executed.

Claim 42 (Currently Amended): A method according to claim 40, wherein said at least one set of job properties further includes an exception condition and a list of enterprise users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of enterprise users when the exception event occurs.

Claim 43 (Currently Amended): A method according to claim 40, wherein said at least one job is a secure Structured Query Report (SQR) job, the method further comprising:

receiving a set of user identification data from the enterprise user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one enterprise user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the enterprise user to view that page; and

PATENT

Serial No.: 09/845,057

Attorney Docket No. 68146988.715

ii) placing a view flag in the container if the enterprise user has permission to view the corresponding HTML page;

for each container in the secure bursted output report that contains a view flag, retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding enterprise user.